

### **Amendments to the Claims:**

1. (currently amended) A process for the purification and isolation of bicalutamide, comprising the steps of:
  - (i) combining crude bicalutamide and a solvent selected from the group consisting of water, methanol, ethanol, propanol, and isopropanol, ~~1,2-dichloromethane, 1,2-dichloroethane, chloroform and hexane;~~
  - (ii) crystallizing the bicalutamide from the solvent; and
  - (iii) collecting the crystals of bicalutamide.
2. (original) The process of claim 1, wherein the the crystallizing step (ii) comprises seeding the bicalutamide suspension.
3. (original) The process of claim 1, further comprising heating the resulting bicalutamide solution to about the boiling point of the solvent.
4. (canceled)
5. (original) The process of claim 1, wherein the solvent is selected from the group consisting of ethanol, propanol and isopropanol.
6. (currently amended) A process for the purification and isolation of bicalutamide, comprising the steps of:
  - (i) combining crude bicalutamide and a first solvent ;
  - (ii) adding a second solvent to the crude bicalutamide-first solvent mixture;
  - (iii) crystallizing the bicalutamide from the solvents; and
  - (iv) collecting the crystals of bicalutamide, wherein the first solvent and second solvent ~~solvents~~ are different, the second solvent is an anti-solvent ~~and are~~ selected from the group consisting of water, methanol, ethanol[,], and propanol, and the first solvent is

selected from the group consisting of acetonitrile, acetone, tetrahydrofuran, dimethylformamide, dimethyl sulfoxide and isobutyl methyl ketone.

7. (previously presented) The process of claim 6, further comprising heating the bicalutamide solution of step (i) to about the boiling point of the first solvent.
8. (original) The process of claim 7, wherein the addition of the second solvent takes place under reflux conditions.
9. (original) The process of claim 6, wherein the crystallizing step comprises cooling the bicalutamide solution to a temperature sufficient to bring about crystallization of bicalutamide.
10. (original) The process of claim 9, wherein the the crystallizing step comprises seeding the bicalutamide suspension.
11. (original) The process of claim 9, wherein the temperature sufficient to bring about crystallization of bicalutamide is about 25°C.
12. (canceled)
13. (currently amended) The process of claim 9, wherein the ~~first and second solvents are~~ second solvent is selected from the group consisting of water, methanol, and ethanol, ~~acetonitrile, acetone, tetrahydrofuran, propanol, dimethylformamide, dimethyl sulfoxide and isobutyl methyl ketone.~~
14. (currently amended) The process of claim ~~6~~ 13, wherein the ~~first and second solvents are~~ second solvent is selected from the group consisting of ethanol, ~~acetone,~~ and propanol, ~~and isobutyl methyl ketone.~~

15. (original) The process of claim 13, wherein the amount of the first solvent is sufficient to dissolve the crude bicalutamide.
16. (canceled)
17. (currently amended) The process of claim 13, wherein the first ~~solvent~~ solvent: second ~~solvent system~~ is dimethylformamide and the second solvent is water ~~DMF: water~~.
18. (canceled)
19. (original) The process of claim 13, wherein the amount of the second solvent is added in an amount sufficient to bring about an at least partially desolubilized bicalutamide.
20. (original) The process of claim 19, further comprising, following addition of the second solvent, adding a volume of the first solvent sufficient to dissolve the at least partially desolubilized bicalutamide.
21. (currently amended) ~~The process of claim 13~~ A process for the purification and isolation of bicalutamide, comprising the steps of:  
(i) combining crude bicalutamide and a first solvent;  
(ii) adding a second solvent to the crude bicalutamide-first solvent mixture;  
(iii) crystallizing the bicalutamide from the solvents; and  
(iv) collecting the crystals of bicalutamide, wherein the first solvent is ethanol and the second solvent is water.
22. (original) The process of claim 21, wherein the temperature sufficient to bring about crystallization of bicalutamide is about 25°C.
23. (currently amended) A process for the purification and isolation of bicalutamide, comprising the steps of:

- (i) combining crude bicalutamide and a first solvent; wherein the first solvent is an anti-solvent selected from the group consisting of water, methanol and ethanol;
- (ii) adding a second solvent to the crude bicalutamide-first solvent mixture, wherein the second solvent is selected from the group consisting of acetonitrile, acetone, tetrahydrofuran, dimethylformamide and isobutyl methyl ketone;
- (iii) crystallizing the bicalutamide from the solvents; and
- (iv) collecting the crystals of bicalutamide, ~~wherein the first solvent is selected from the group consisting of chloroform, water, methanol and ethanol.~~

24. (canceled)

25. (currently amended) The process of claim 23, wherein the first solvent is water, and the second solvent is selected from the group consisting of acetone and tetrahydrofuran THF.

26. (currently amended) The process of claim 23, wherein the first solvent is methanol, and the second solvent is selected from the group consisting of acetone, tetrahydrofuran THF and dimethylformamide DMF.

27. (currently amended) The process of claim 23, wherein the first solvent is ethanol, and the second solvent is selected from the group consisting of tetrahydrofuran THF, dimethylformamide DMF and isobutyl methyl ketone.

28. (original) The process of claim 23, wherein the second solvent is added in an amount sufficient to dissolve the bicalutamide.

29. (currently amended) The process of claim 23, further comprising heating the bicalutamide solution formed in step (i) to about the boiling point of the first solvent.

30. (original) The process of claim 29, wherein the addition of the second solvent takes place under reflux conditions.

31. (original) The process of claim 23, wherein the crystallizing step comprises cooling the bicalutamide solution to a temperature sufficient to bring about crystallization of bicalutamide.
32. (original) The process of claim 31, wherein the the crystallizing step comprises seeding the bicalutamide solution.
33. (original) The process of claim 32, wherein the temperature sufficient to bring about crystallization of bicalutamide is about 25°C.
34. (previously presented) A method of preparing *rac*-bicalutamide, comprising the steps of:
- (i) preparing a mixture of 5-amino-2-cyano-benzotrifluoride and butyl lithium in an organic solvent;
  - (ii) adding ethyl-[2-{4-fluorophenyl sulfone}]-2-hydroxy propionic acid to the mixture; and
  - (iii) isolating *rac*-bicalutamide by use of a process for purifying and isolating bicalutamide comprising the steps of:
    - (a) combining crude bicalutamide and a solvent;
    - (b) crystallizing the bicalutamide from the solvent; and
    - (c) collecting the crystals of bicalutamide.
35. (previously presented) A method of preparing *rac*-bicalutamide, comprising the steps of:
- (i) preparing a mixture of 5-amino-2-cyano-benzotrifluoride and butyl lithium in an organic solvent;
  - (ii) adding ethyl-[2-{4-fluorophenyl sulfone}]-2-hydroxy propionic acid to the mixture; and
  - (iii) isolating *rac*-bicalutamide by use of a process for purifying and isolating bicalutamide comprising the steps of:
    - (a) combining crude bicalutamide and a first solvent;

- (b) adding a second solvent to the crude bicalutamide-first solvent mixture;
- (c) crystallizing the bicalutamide from the solvents; and
- (d) collecting the crystals of bicalutamide.

36. (previously presented) A method of preparing *rac*-bicalutamide, comprising the steps of:

- (i) preparing a mixture of 5-amino-2-cyano-benzotrifluoride and butyl lithium in an organic solvent;
- (ii) adding ethyl-[2-{4-fluorophenyl sulfone}]-2-hydroxy propionic acid to the mixture; and
- (iii) isolating *rac*-bicalutamide by use of a process for purifying and isolating bicalutamide comprising the steps of:
  - (a) combining crude bicalutamide and a first solvent; wherein the first solvent is an anti-solvent;
  - (b) adding a second solvent to the crude bicalutamide-first solvent mixture;
  - (c) crystallizing the bicalutamide from the solvents; and
  - (d) collecting the crystals of bicalutamide.

37. (previously presented) The process of claim 24, wherein the second solvent is acetonitrile.